



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

James N. CAWSE

Group Art Unit: 1639

Application No.: 09/618,794

Examiner: Tomas Friend

Filed: July 18, 2000

For: SEQUENTIAL HIGH THROUGHPUT SCREENING METHOD AND SYSTEM

AMENDMENT

Assistant Commissioner for Patents

Box No Fee Amendment

Washington, D. C. 20231

Sir:

In response to the Office Action dated December 2, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please rewrite claims 26 and 35 as follows:

26. A synthesis system, comprising a vessel for combinatorial chemical process having:

a charge port comprising an air lock capable of sequentially receiving a plurality of discrete combinations of reactants;

a vertically longitudinal reaction chamber in communication with said charge port, said reaction chamber being capable of receiving and enclosing the plurality of discrete combinations of reactants disposed linearly within said chamber; and

a discharge port comprising an air lock, distinct from said charge port, in communication with said vertically longitudinal reaction chamber to sequentially discharge reaction products of said combinations from said reaction chamber;

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